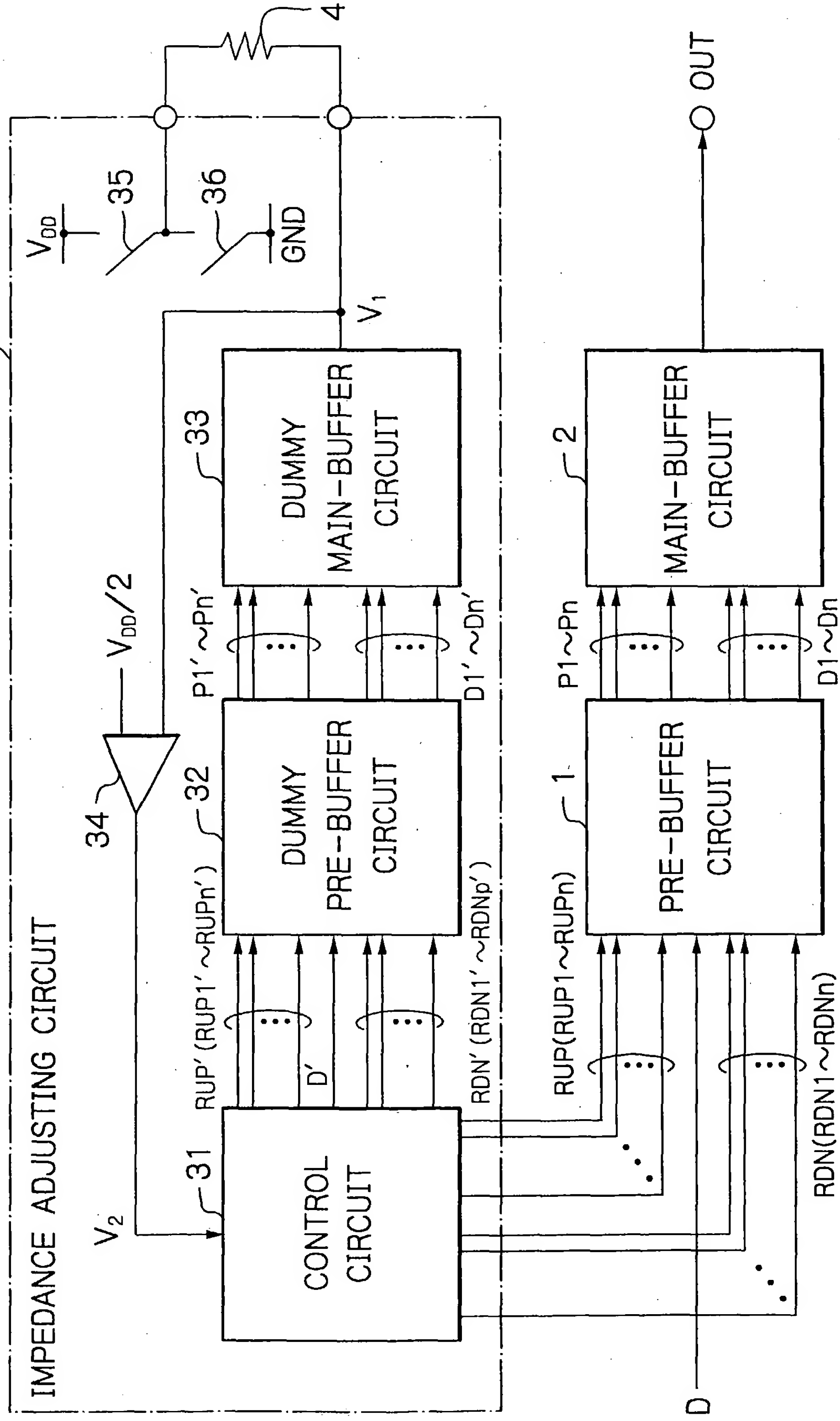


Fig. 1 PRIOR ART



1(32) **Fig. 2** PRIOR ART

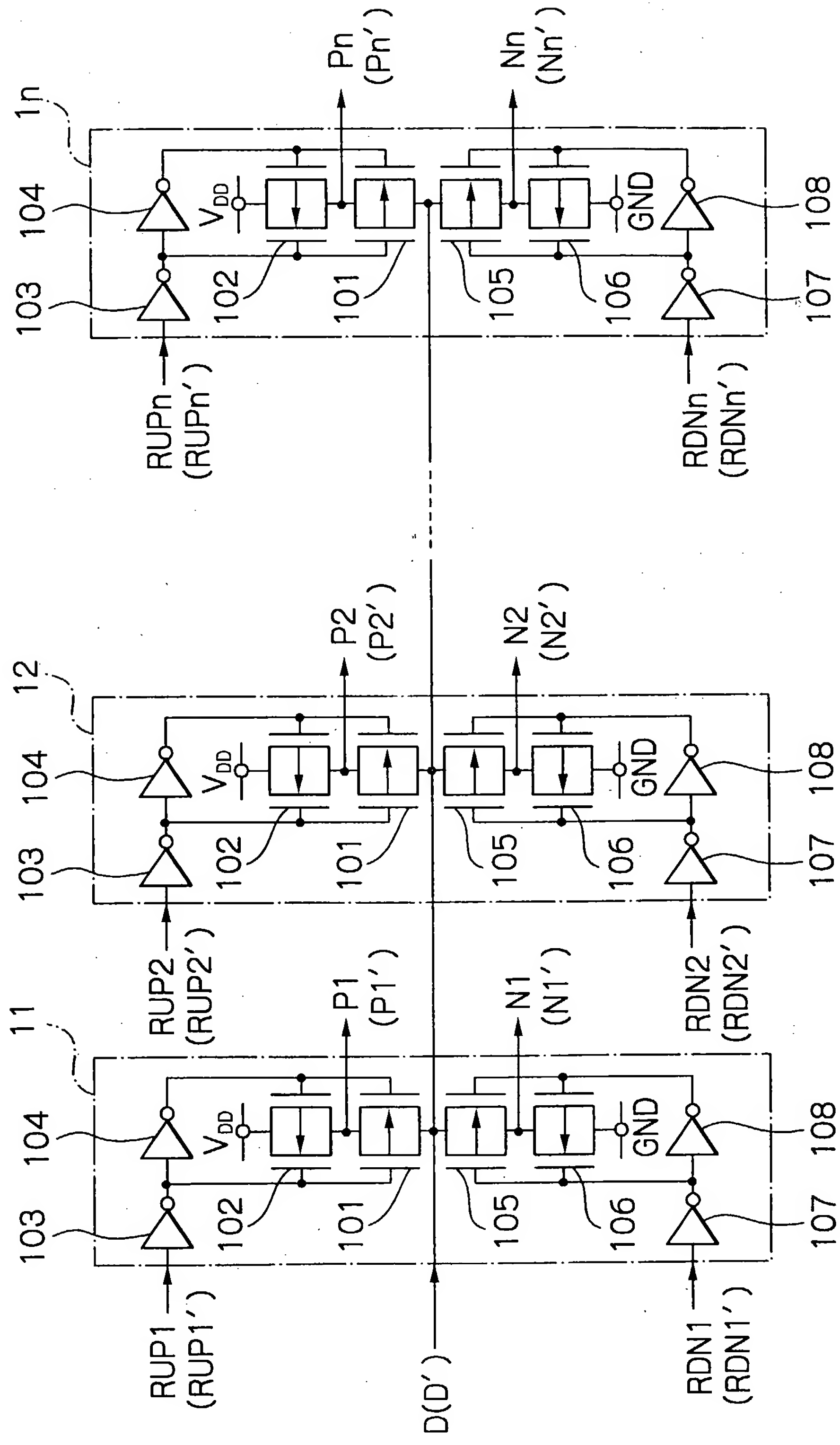


Fig. 3A PRIOR ART

RUPi (RUPi')	D (D')	Pi (Pi')
" 1 "	" 0 " (low)	low (activating level)
	" 1 " (high)	high (deactivating level)
" 0 "	" 0 " (low)	high (deactivating level)
	" 1 " (high)	high (deactivating level)

Fig. 3B PRIOR ART

RDNi (RDNi')	D (D')	Ni (Ni')
" 1 "	" 0 " (low)	low (deactivating level)
	" 1 " (high)	high (activating level)
" 0 "	" 0 " (low)	low (deactivating level)
	" 1 " (high)	low (deactivating level)

Fig. 4 PRIOR ART

2(33)

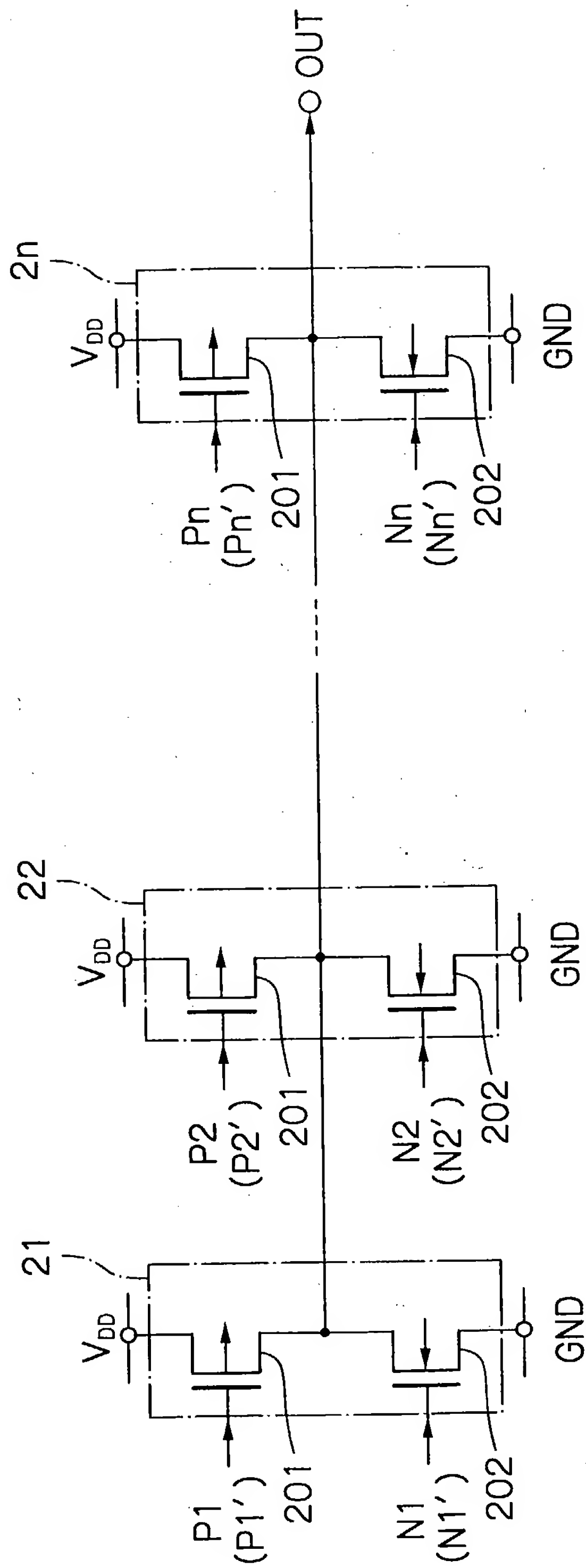


Fig. 5 PRIOR ART

Pi (Pi')	Ni (Ni')	OUT
low (activating level)	low (deactivating level)	high
low (activating level)	high (activating level)	forbidden
high (deactivating level)	low (deactivating level)	HZ
high (deactivating level)	high (activating level)	low

CALIBRATING OPERATION
IMPEDANCE CODES RUO & RDN

Fig. 6 PRIOR ART

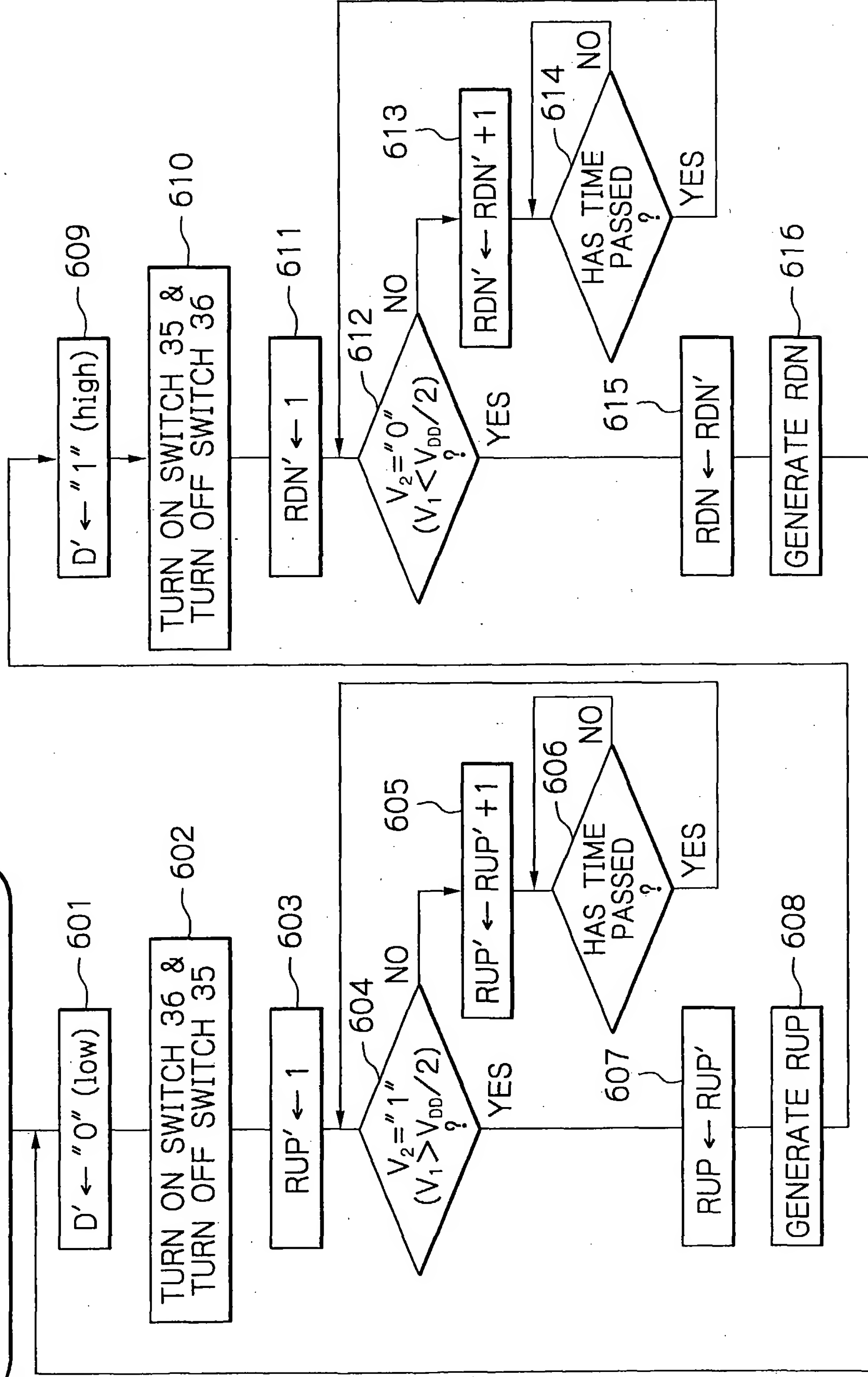


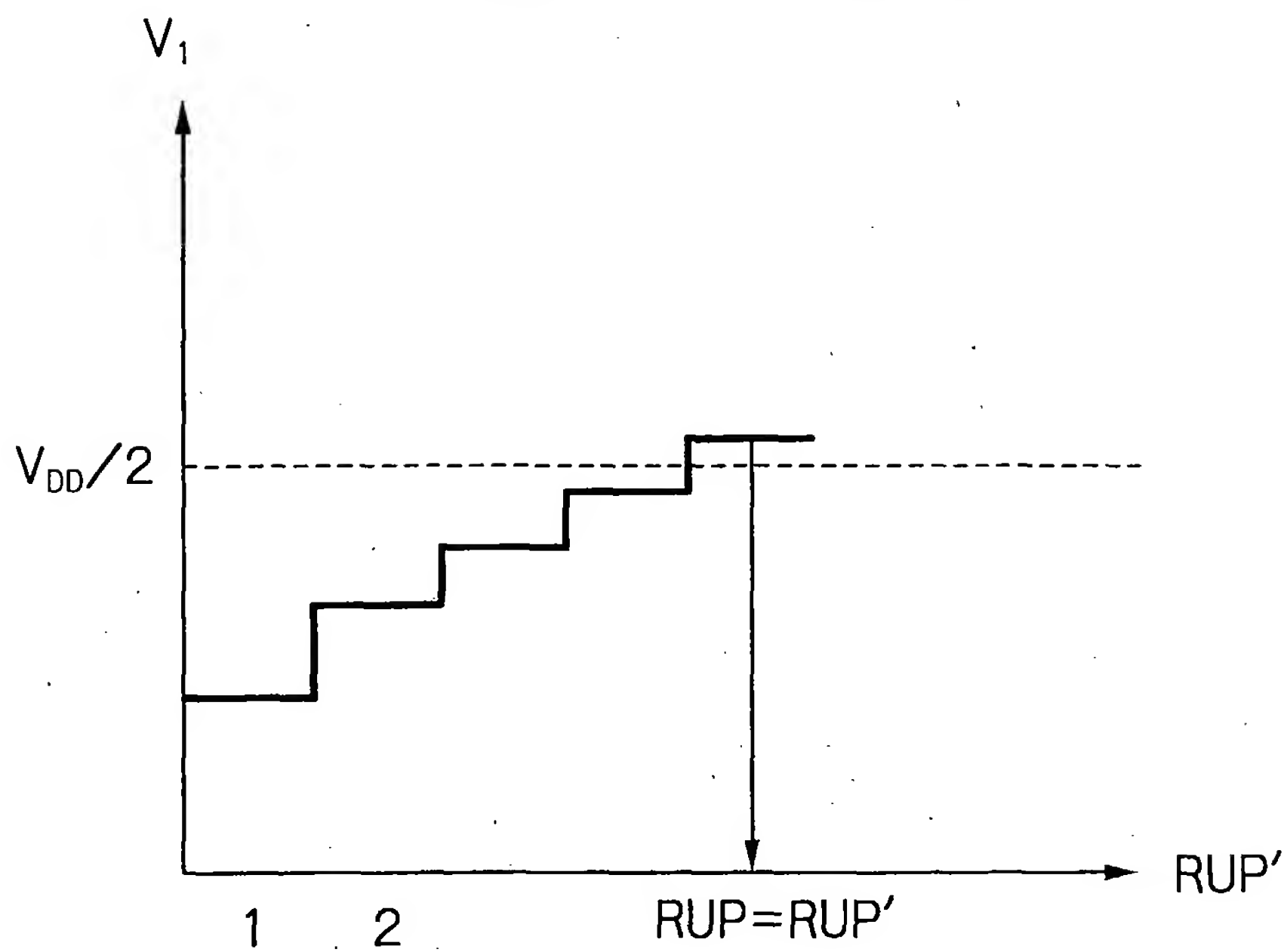
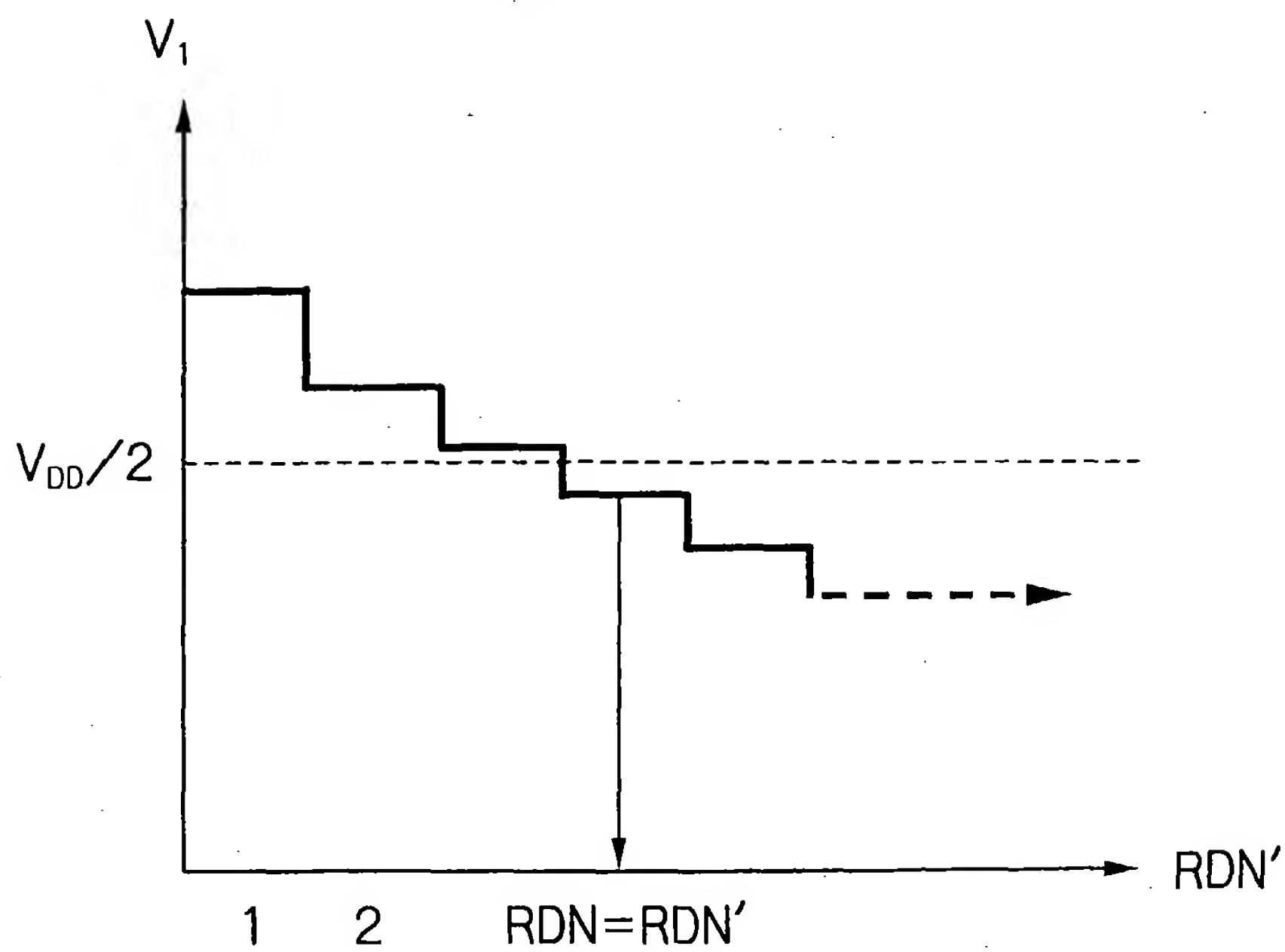
Fig. 7A PRIOR ART*Fig. 7B* PRIOR ART

Fig. 8 PRIOR ART

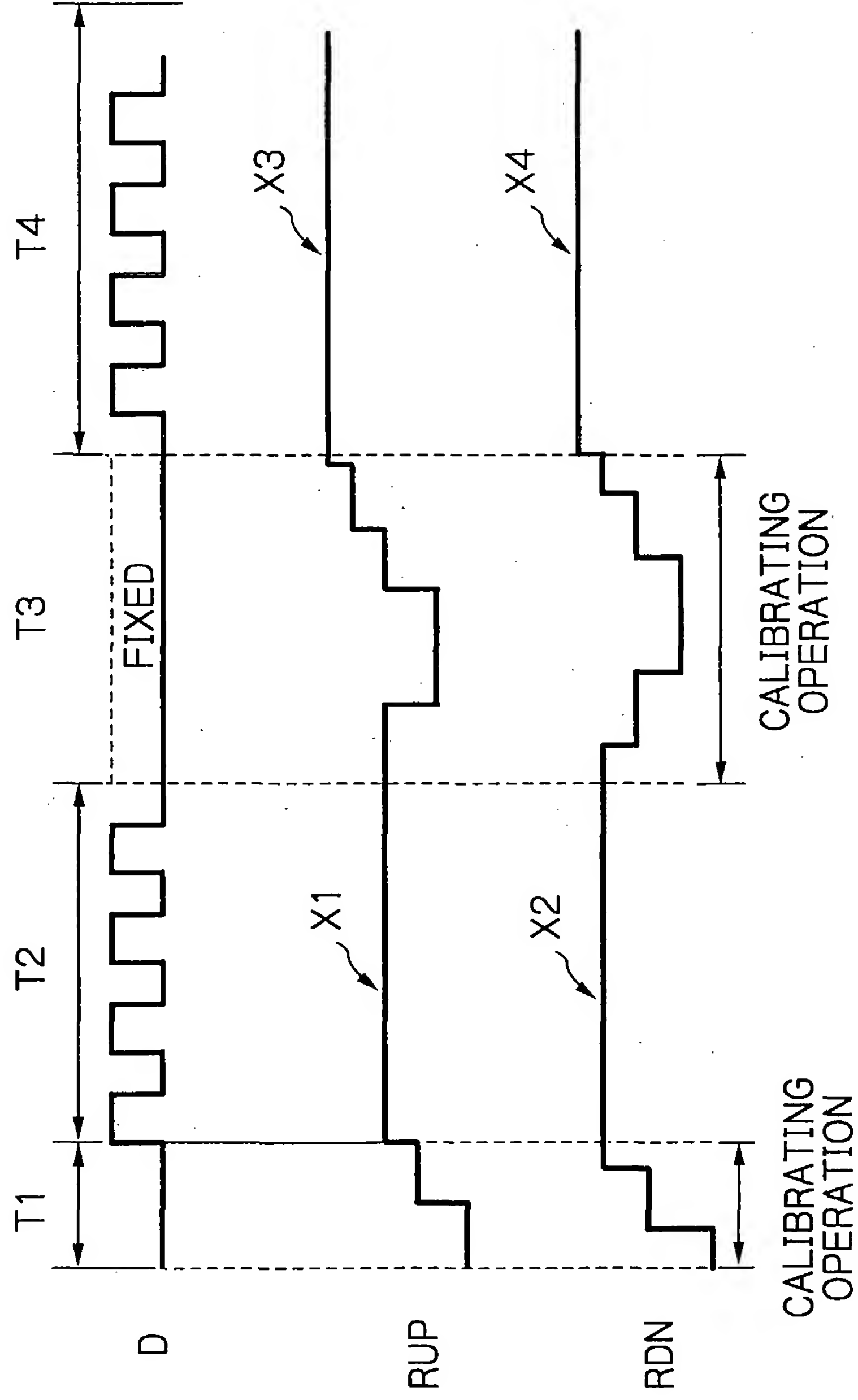


Fig. 9

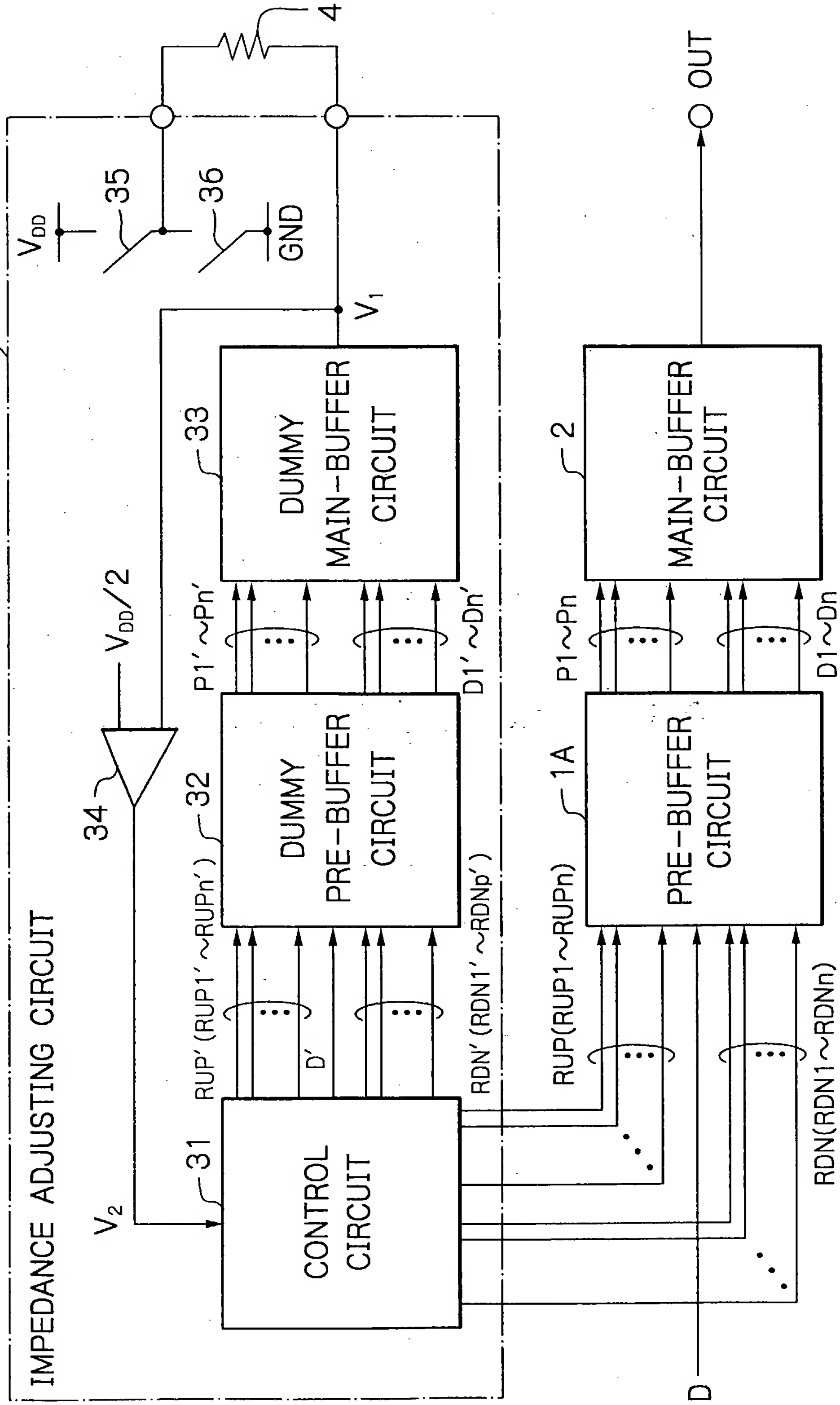


Fig. 10

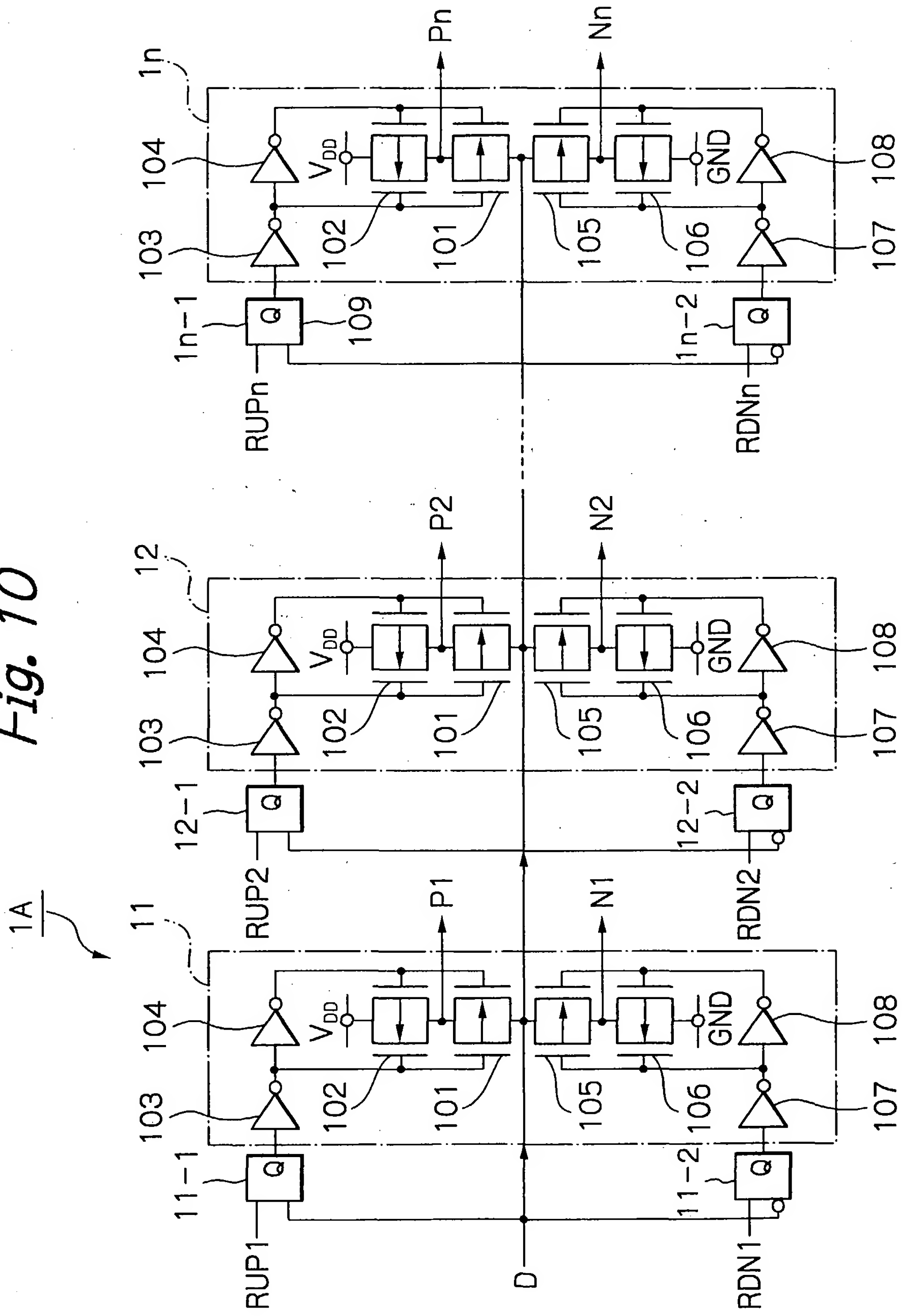


Fig. 11

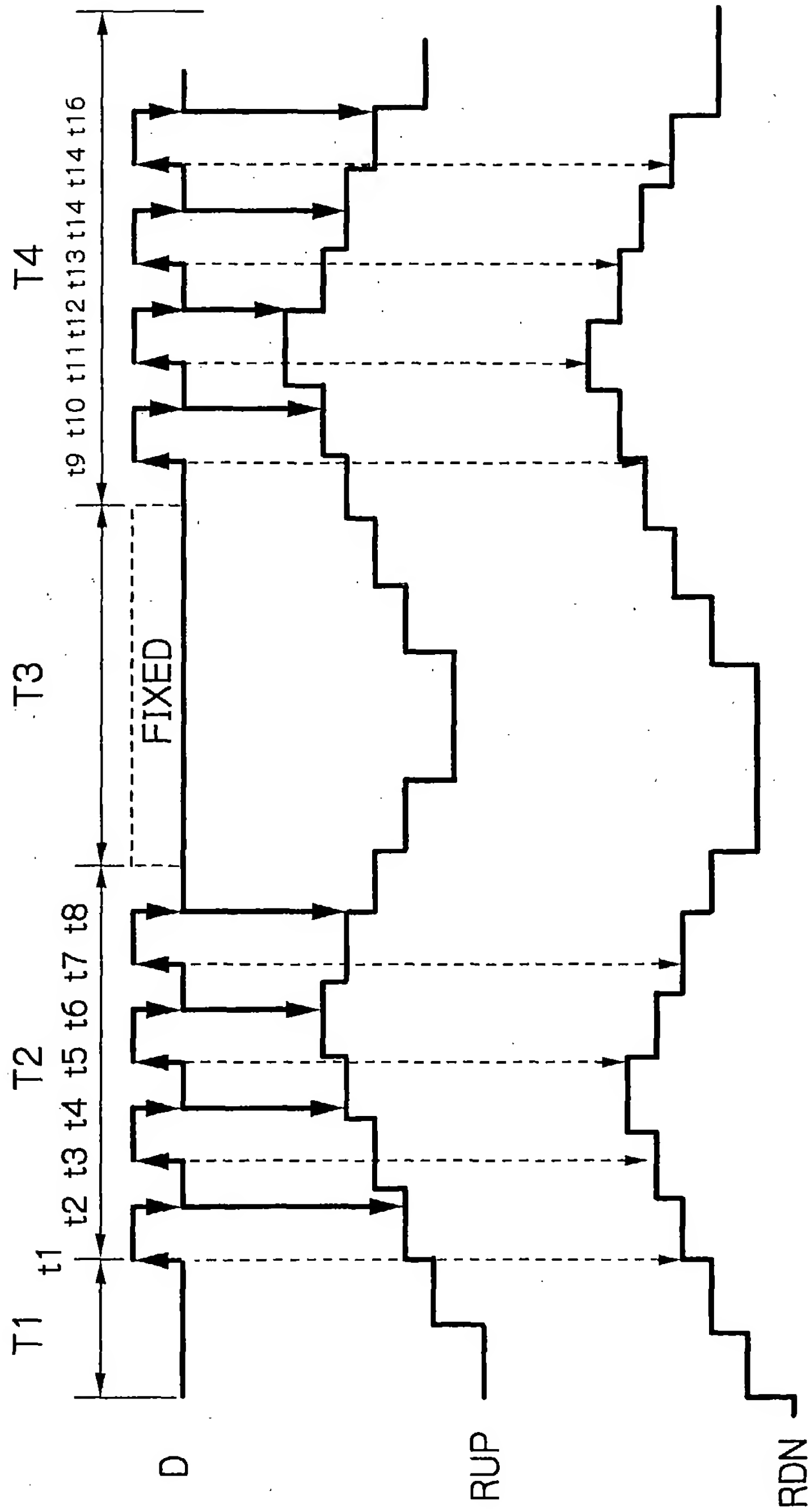


Fig. 12

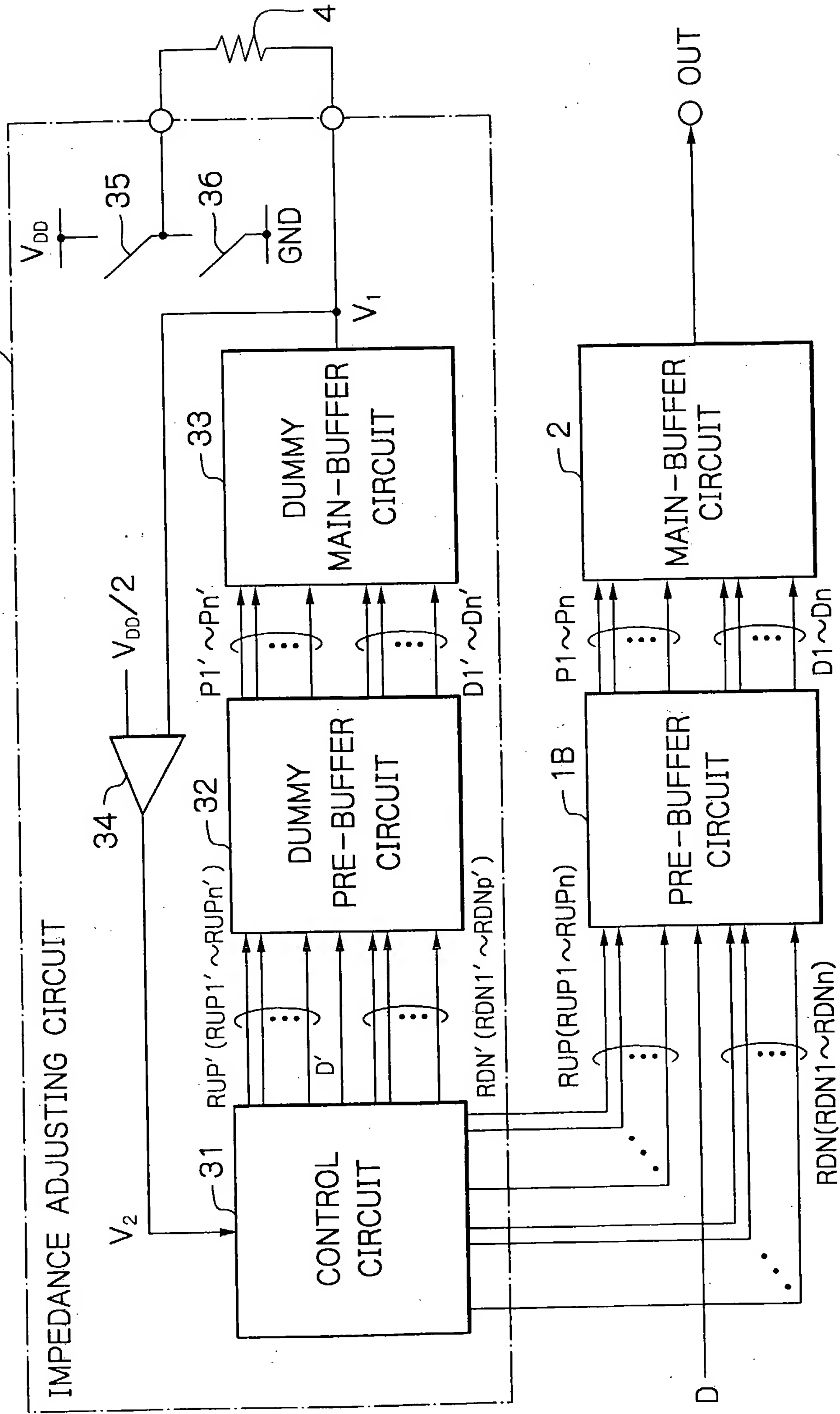


Fig. 13

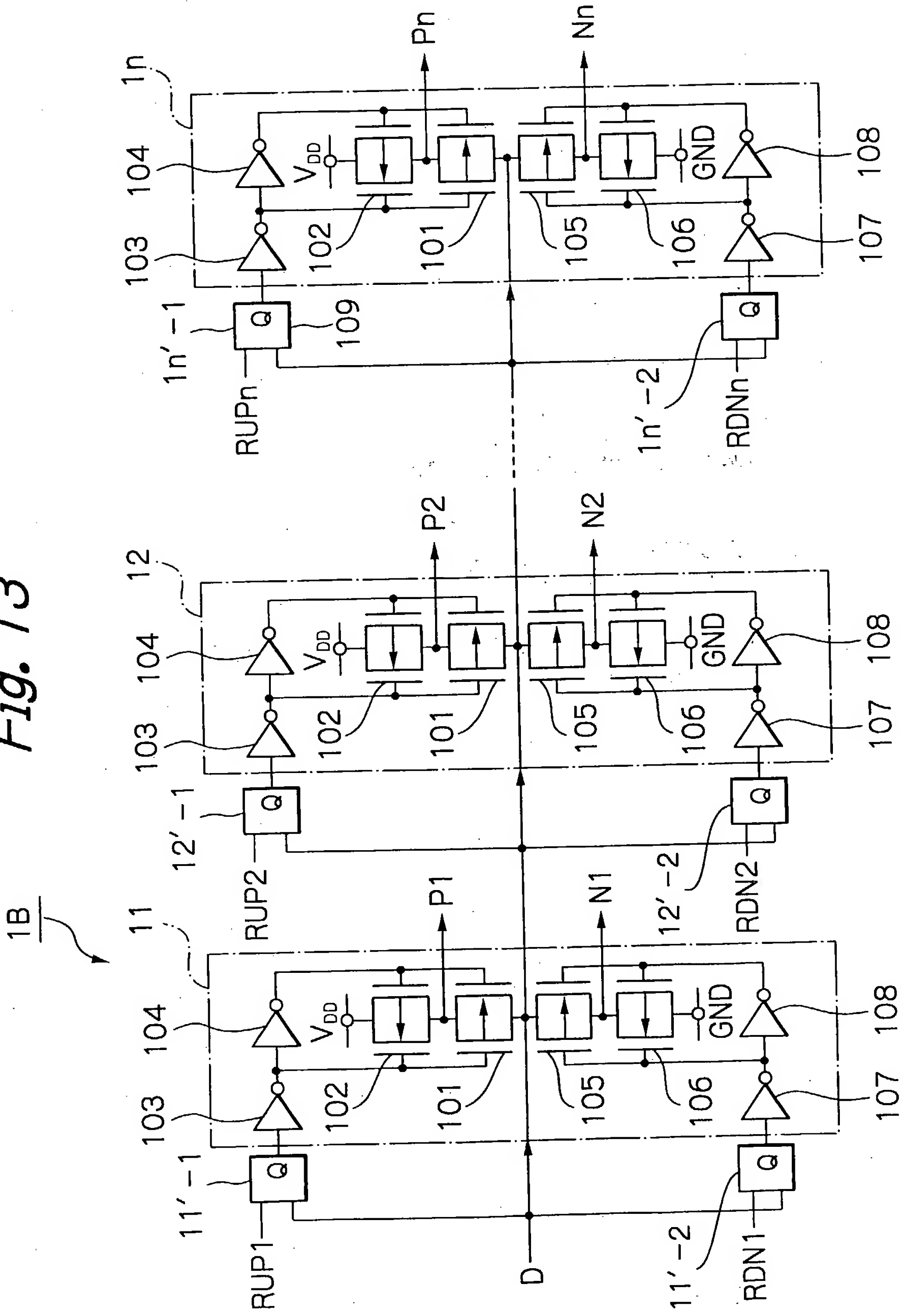


Fig. 14A

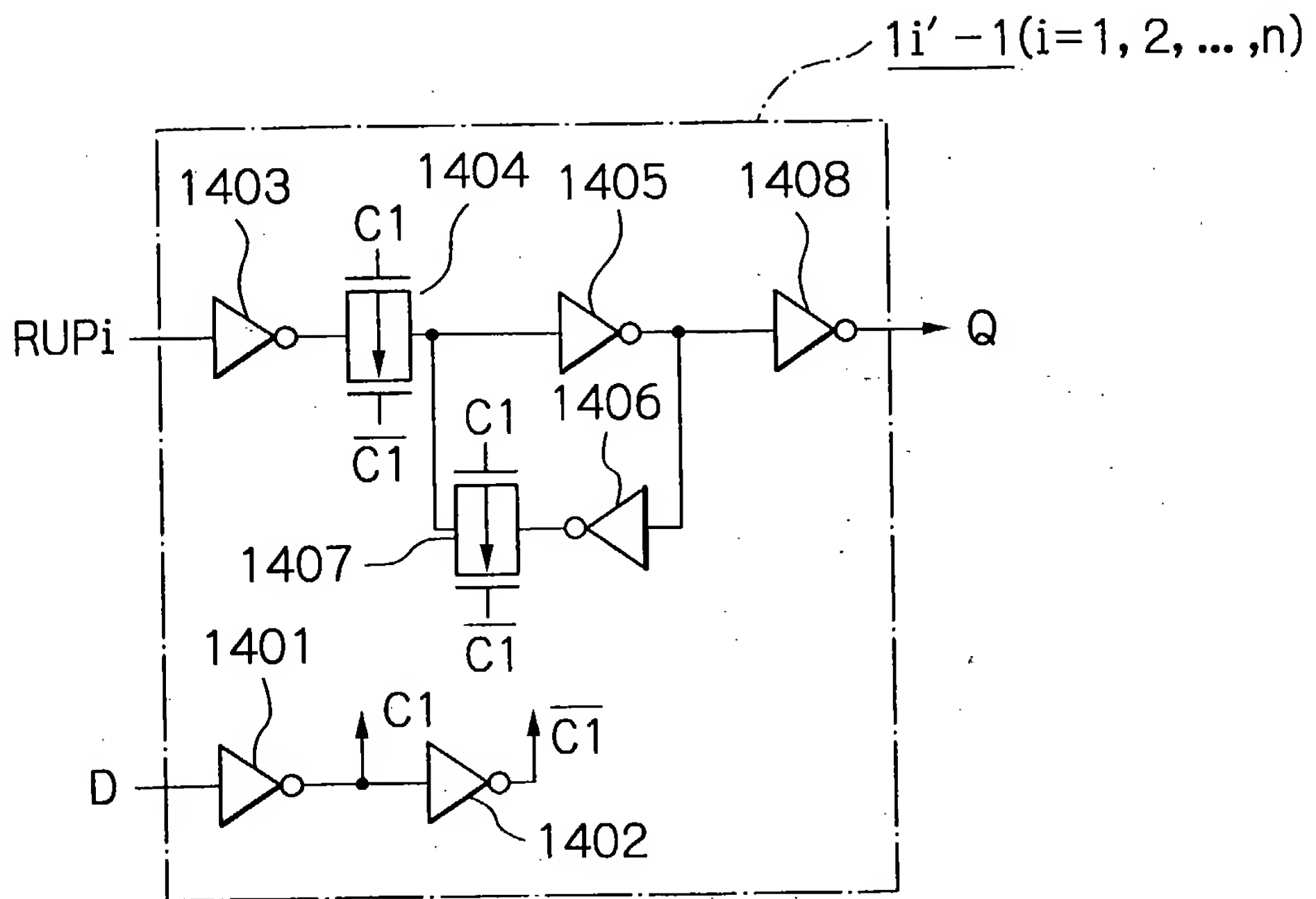


Fig. 14B

D	STATE
"0" (low)	HOLD
"1" (high)	THROUGH

Fig. 15A

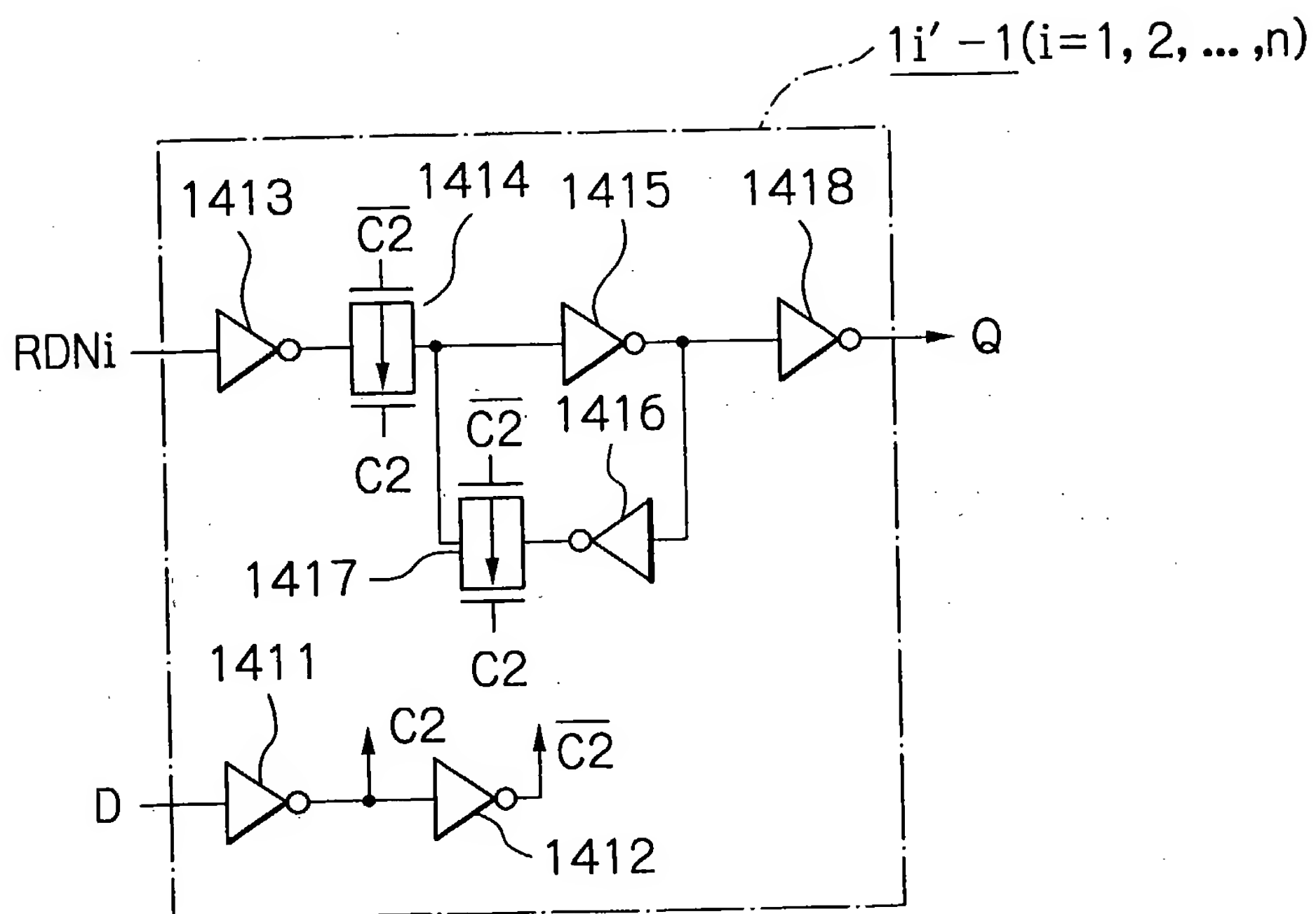


Fig. 15B

D	STATE
"0" (low)	THROUGH
"1" (high)	HOLD

Fig. 16

